

LINDY®

CONNECTION PERFECTION

USB to DVI-I Adapter

User Manual

English



LINDY No. 42883

www.lindy.com



Introduction

Thank you for purchasing the LINDY USB to DVI-I Adapter. The USB to DVI-I Adapter allows you to connect any DVI or VGA monitor, LCD or Projector to your PC or notebook. Thanks to high speed USB 2.0 technology, there is no need to add additional graphics cards to your computer, with the LINDY USB DVI-I Adapter you can add up to 6 additional displays!

Typical Applications:

Office workstation:

- View your large spreadsheets across two screens with display continuity
- Multitask more effectively without overlapping windows
- Open attachments on one screen while reading e-mail on the other

On the road:

- Use multiple screen displays for presentations without bringing another computer

Graphics workstation:

- Use a second display for pallets/tools

Editing workstation:

- Type documents on one screen while viewing reference material on the other

Finance:

- Use with a notebook for viewing multiple screens
- View charts and live data at the same time

Entertainment:

- View videos/TV on one screen and reviews on the other

Minimum System Requirements

- Pentium 4/Celeron family or AMD K6/Athlon/Duron family with 1.5GHz
- For attaching a single adapter: 256MB RAM or Higher
- For attaching multiple adapters: 512MB RAM or Higher
- DVI or VGA compatible Display
- Available USB 2.0 port
- Windows OS 2000/XP/Vista

Package Contents

- USB to DVI-I Adapter
- USB 2.0 Cable
- DVI to VGA Adapter
- Driver/Manual CD
- LINDY Manual

Installation

NOTE: You must install the driver before attaching the USB to DVI-I Adapter to your computer!

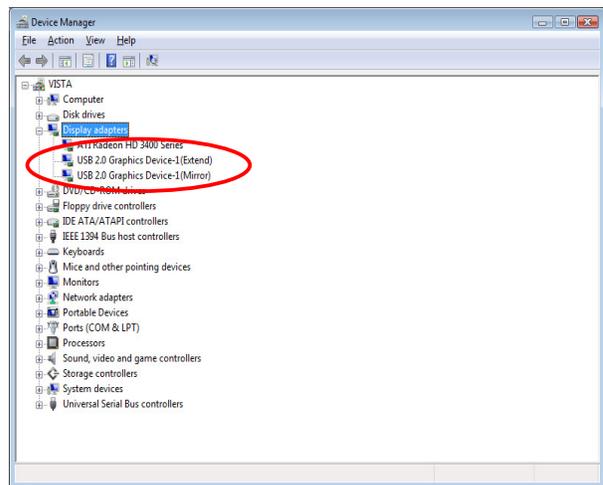
1. Insert the driver CD into your CD-Rom drive and follow the on screen instructions
2. Once the installation has finished you must restart your computer to begin using the adapter. If you are installing more than one USB DVI-I Adapter (maximum 6) you will need to repeat the installation process by installing the driver and then connecting each adapter individually; completing each installation before installing the next adapter. When you have installed all the adapters please restart your computer
3. Turn on the power to your 2nd monitor and connect it to the USB to DVI Adapter (If you are using a VGA monitor/projector please use the supplied DVI to VGA adapter)
4. Plug the USB to DVI Adapter into an available USB 2.0 port on your computer
5. Once the computer has rebooted the extended desktop will display on the 2nd display

To make sure the USB to DVI-I Adapter(s) has been installed successfully, use the following steps:

Go to the **Control Panel**, and select **System**, then select **Device Manager**.

When in **Device Manager** double click **Display Adapters**, and you should see two new devices (for each adapter installed).

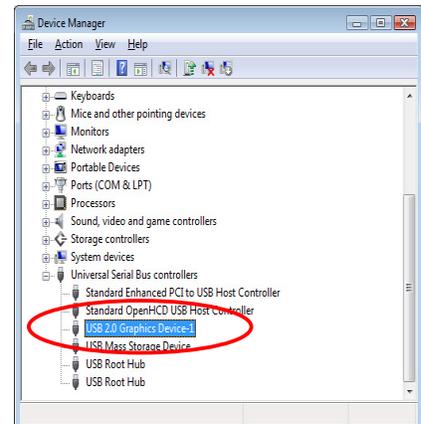
USB 2.0 Graphics Device-1 (Extend)
 USB 2.0 Graphics Device-1 (Mirror)



You can also check the installation under **Universal Serial Bus controllers**; this should show one new device (for each adapter installed).

USB 2.0 Graphics Device-1
 USB 2.0 Graphics Device-2*

(*If a second Adapter is installed and so on up to Device-6)



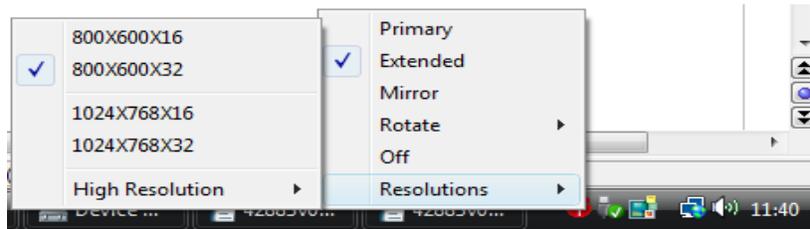
Display Utility

Once the driver has been installed and the computer has rebooted, the display utility will appear on the taskbar. This utility allows you to quickly change the settings and resolution of your USB to DVI-I Adapter. To access the menu, right click on the icon.



Extended Mode

The default setting for the USB to DVI-I Adapter is the extended setting. To change this setting or change the resolution, right click on the display utility icon and then choose one of the available options.

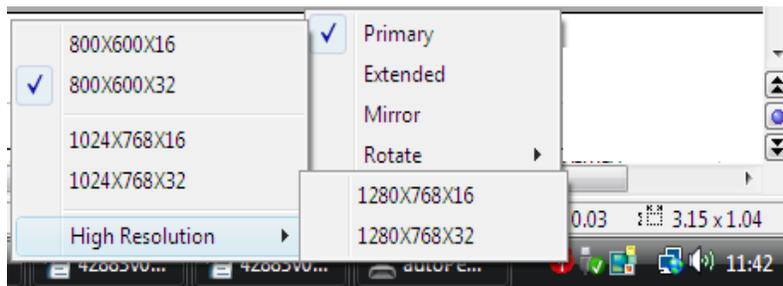


You can change the position of the extended display in the Display Properties section of Windows, please refer to page 6 for more information.

Primary Mode

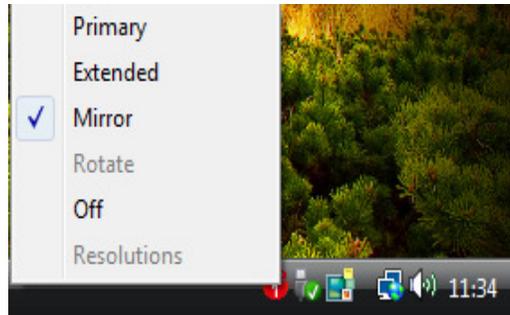
To use the USB to DVI-I Adapter as the main display, right click on the display utility icon on the taskbar and select **Primary**. Your main display (monitor) will automatically switch to being the secondary display and show the extended desktop.

You can also choose the resolution you want to use by selecting this in the display utility application.



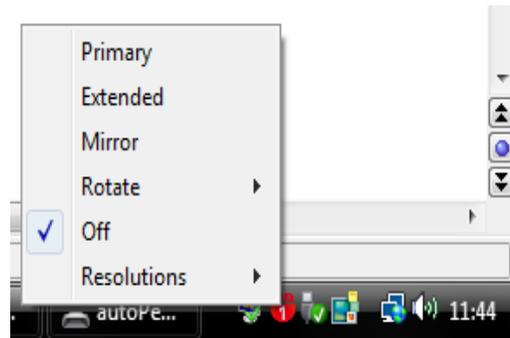
Mirror Mode

You can use the USB to DVI-I Adapter to mirror your Windows desktop. Right click on the display utility icon on the taskbar and select **Mirror**. Your main display and the extended display will show the same image.



Off Mode

Right click on the display utility icon on the taskbar and select **Off** to disable the USB to DVI-I Adapter.



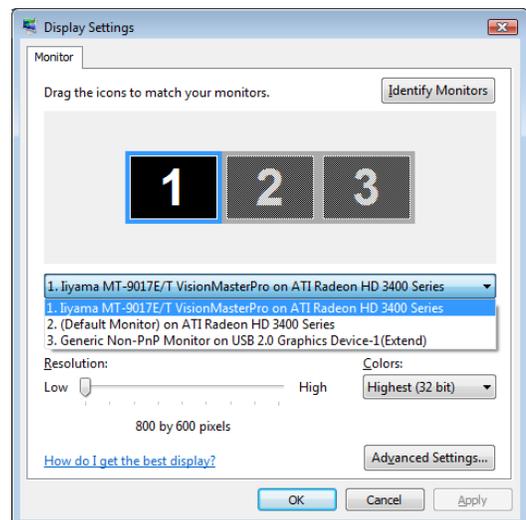
Display Properties

Windows 2000/XP

To edit the Display Properties for the USB to DVI-I Adapter, go to **Control Panel**, double click on the **Display** icon and then select the **Settings** tab. Click on the **Display** pull down menu and select the **USB 2.0 Graphics Device-1**. From here, you can change the resolution and colour depth as desired. Click **OK** to apply the settings.

Windows Vista

To edit the Display Properties for the USB to DVI-I Adapter, right click on your desktop and choose **Personalise** and choose **Display properties**. Click on the **Display** pull down menu and select the **USB 2.0 Graphics Device-1**. From here, you can change the resolution and colour depth as desired. Click **OK** to apply the settings.



Frequently Asked Questions (FAQ)

Q: I am unable to make the USB to DVI Adapter the primary display!

A: Some video cards ship their product with a utility that prevents other video cards from being set as the primary card. Check the bottom right hand corner taskbar for this utility and disable it before switching the USB to DVI-I Adapter to the primary display.

Q: Why won't my DVD player work when I move it over to the extended display?

A: Some DVD playback software packages do not support playing on a second display adapter of any kind.

Q: How come my video will not play on Media Player if I move it over to the extended desktop?

A: Check that you have moved the Media Player window completely over to the second screen.

Q: Why does my mouse not move to the right side of the screen as it should on the extended desktop?

A: Check the Display Settings (page 6) and make sure that your display number '2' is on the right side of display number '1'. You can rearrange how Windows treats each display in relation to each other in the Display Properties Settings.

Q: There are lines running horizontally up and down my screen.

A: This is due to a low refresh rate setting. You can change this setting by going to the Display Settings (Page 6) and then selecting **Advanced** and then the **Monitor** tab. Make sure you select the USB 2.0 Graphics Device-1 first and set the refresh rate no higher than your monitor can support as this may damage your monitor. You can also try to reset/refresh/resynchronize your monitor.

Q: Why won't the Adapter work on Windows Vista 64 bit version?

A: Currently, the driver is compatible with Windows Vista 32 bit version only. Please check the LINDY website for any driver updates.

Troubleshooting Tips

The following troubleshooting tips may help if you are experiencing any issues. Contact LINDY for additional help if needed.

- Check to make sure that all connectors are plugged in correctly.
- Make sure that the USB port that you are using is USB 2.0.
- Check to see that the monitor is connected correctly and the power is ON.
- Try connecting the adapter directly to the computer instead of through a hub.
- Unplug all other USB devices from the system.
- Make sure you restart your computer after the driver installation.
- Unplug the adapter and re-insert it.
- Try a different USB 2.0 port and/or computer
- Check the website to make sure you have the latest drivers.
- Reset/refresh/resynchronize your monitor.
- If you have problems during the boot up process, start your computer in Safe Mode and uninstall the driver. Hold the CTRL key until the Windows start up menu appears and select Safe Mode.
- The main display may have been disabled in Device manger when selecting the USB to DVI Adapter as the primary display.

CE/FCC & Recycling Information

CE Certification

This equipment complies with the requirements relating to electromagnetic compatibility, EN55022/EN55024 class B for IEC/EN61000-4-2/3 the essential protection requirement of Council Directive 89/336/EEC on the approximation of the laws of the Member States relating to electromagnetic compatibility.

FCC Certification

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and receiver
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected
- Consult the dealer or an experienced technician for help

You are cautioned that changes or modification not expressly approved by the party responsible for compliance could void your authority to operate the equipment.

This device complies with part 15 of the FCC Rules.

Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.



WEEE (Waste of Electrical and Electronic Equipment), Recycling of Electronic Products

United Kingdom

In 2006 the European Union introduced regulations (WEEE) for the collection and recycling of all waste electrical and electronic equipment. It is no longer allowable to simply throw away electrical and electronic equipment. Instead, these products must enter the recycling process.

Each individual EU member state has implemented the WEEE regulations into national law in slightly different ways. Please follow your national law when you want to dispose of any electrical or electronic products. More details can be obtained from your national WEEE recycling agency.

Germany

Die Europäische Union hat mit der WEEE Richtlinie umfassende Regelungen für die Verschrottung und das Recycling von Elektro- und Elektronikprodukten geschaffen. Diese wurden von der Bundesregierung im Elektro- und Elektronikgerätegesetz – ElektroG in deutsches Recht umgesetzt. Dieses Gesetz verbietet vom 24. März 2006 an das Entsorgen von entsprechenden, auch alten, Elektro- und Elektronikgeräten über die Hausmülltonne! Diese Geräte müssen den lokalen Sammelsystemen bzw. örtlichen Sammelstellen zugeführt werden! Dort werden sie kostenlos entgegen genommen. Die Kosten für den weiteren Recyclingprozess übernimmt die Gesamtheit der Gerätehersteller.

France

En 2006, l'union Européenne a introduit la nouvelle réglementation (DEEE) pour le recyclage de tout équipement électrique et électronique.

Chaque Etat membre de l' Union Européenne a mis en application la nouvelle réglementation DEEE de manières légèrement différentes. Veuillez suivre le décret d'application correspondant à l'élimination des déchets électriques ou électroniques de votre pays.

Italy

Nel 2006 l'unione europea ha introdotto regolamentazioni (WEEE) per la raccolta e il riciclo di apparecchi elettrici ed elettronici. Non è più consentito semplicemente gettare queste apparecchiature, devono essere riciclate. Ogni stato membro dell' EU ha tramutato le direttive WEEE in leggi statali in varie misure. Fare riferimento alle leggi del proprio Stato quando si dispone di un apparecchio elettrico o elettronico.

Per ulteriori dettagli fare riferimento alla direttiva WEEE sul riciclaggio del proprio Stato.

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